COST OPTIONS FOR SUPPORT: "SOLAR RACERS!"

ITEM DESCRIPTION	NUMBER REQUIRED	SUPPLIER	MODEL #	UNIT COST	FIXED PRICE FROM SCIENCE CONNECTIONS	TEACHER'S SELF PROVISION COST
PROVISION OF LESSON PLAN		**SCIENCE CONNECTIONS**			**NO CHARGE**	**N/A**
PROVISION OF STEM TRAINING		**SCIENCE CONNECTIONS**			**NO CHARGE**	**N/A**
COORDINATION MEETING WITH TEACHER		**SCIENCE CONNECTIONS**			**NO CHARGE**	**N/A**
PARTS & MATERIALS FOR CARS:					**1,459**	**N/A**
LABOR HOURS TO ORDER PARTS & BUY PARTS	2	SCIENCE CONNECTIONS		20	43	
SOLAR PANEL	60	KELVIN.COM		12	798	
GEAR	15	TECHNOBOTS.CO.UK	MFA PLASTIC DOUBLE GEAR 48/12 2.9MM, 4600-010	1	9	
PINION	15	TECHNOBOTS.CO.UK	PLASTIC PINION 12T 1.9MM, 4600-008	0	7	
WHEEL	60	TECHNOBOTS.CO.UK	POLYTHENE 38 x 7.3MM, 4603-032	1	34	
PACK OF 25 AXLES	2	TECHNOBOTS.CO.UK	METAL SHAFT 3 X 120MM, 4604-024	4	9	
SHIPPING COSTS FROM ENGLAND	1	TECHNOBOTS.CO.UK		28	28	
MOTOR	15	HOBBY ENGINEERING	MABUCHI FA-130RA-2260	3	48	
GEAR	15	TECHNOBOTS.CO.UK	MFA 40T	1	17	
PINION	15	TECHNOBOTS.CO.UK	PLASTIC GEAR 16T	1	8	
WHEEL	60	TECHNOBOTS.CO.UK	POLYTHENE 38 x 7.3MM	1	65	
PACK OF 25 AXLES	2	TECHNOBOTS.CO.UK	METAL SHAFT 3 X 120MM	4	8	
22 AWG FLEXIBLE HOOKUP WIRE, RED AND BLACK	1	RADIO SHACK		8	9	
BOX OF RING TERMINALS	1	FRY'S ELECTRONICS	22 - 18 AWG, #6 STUD, CRIMP VINYL	10	11	
LABOR HOURS TO SOLDER WIRES TO MOTORS AND CRIMP TERMINALS TO MOTOR & ARRAY WIRES	2	SCIENCE CONNECTIONS		20	40	
BOX OF DRINKING STRAWS, 3.2MM DIAM X 8"	1	SHAMROCK FOOD SUPPLIES		5	5	
PLYWOOD SHEET	2	MISTERART.COM	12 X 24 X 1/16"	18	40	
SUPER STRENGTH EPOXY GEL SYRINGE	1	ACE HARDWARE		14	15	
LABOR HOURS TO CUT PLYWOOD INTO MOTOR BOARDS & MOUNT MOTORS	2	SCIENCE CONNECTIONS		20	40	
BOX OF 6-32 X 5/8 COMBO ROUND BOLTS	1	ACE HARDWARE		3	3	
BOX OF 6-32 WING NUTS	1	ACE HARDWARE		12	14	
FOAM CORE SHEET	10	FRY'S FOOD STORES	24 X 24 X 1.4"	5	54	
LABOR HOURS TO CUT FOAM CORE INTO ARRAY SUPPORT PANELS &CHASSIS BOARDS	1	SCIENCE CONNECTIONS		20	20	
10% MARGIN FOR PARTS PRICE INCREASES					133	
OFF THE SHELF EQUIPMENT:					**848**	**$828**
5-IN-1 DIGITAL MULTIMETER	15	HARBOR FREIGHT IMPORT	CEN-TECH 98674	46	746	
HALOGEN WORKLIGHT	1	HARBOR FREIGHT IMPORT		30	32	
CLIP LEADS PACK	15	HARBOR FREIGHT IMPORT	66717, 18" CLIP TST LEADS	3	50	
LABOR HOURS FOR PROCUREMENT	1	SCIENCE CONNECTIONS		20	20	
CONSUMABLE MATERIALS FOR 30 STUDENTS:					**105**	**$85**
CLEAR PLASTIC TAPE	30	FRY'S FOOD STORES	0.5"	1	41	
BOX OF SMALL BINDER CLIPS	5	STAPLES		2	11	
SWIM NOODLE	5	ACE HARDWARE		1	5	
CASE OF CLEAR PLASTIC CLAM SHELL CARRYOUT CONTAINERS	1	SMART & FINAL	YC18-1110, 9 3/16 X 8 7/8 X 2 3/4	26	28	
LABOR HOURS FOR PROCUREMENT	1	SCIENCE CONNECTIONS		20	20	
LABOR HOURS TO SUPPORT PROJECT PHASE: 1 CLASS OF 30 STUDENTS FOR 2 HOURS FOR EACH OF 2 DAYS	**4**	**SCIENCE CONNECTIONS**		**20**	**80**	**N/A**